Comparison of two drone of Mavic 3 and Air 2S

At the end of 2021, DJI introduced a fully professional and cinematic drone called Mavic 3, which has many options. Before the introduction of Mavic 3, the DJI had a Air 2S drone in his successful record and now we want to compare the two. Mavic Air 2S with 4K camera and Mavic 3 with unique Apple ProRes camera and of course the high price which is a bit .disappointing

The difference between the Mavic 3 camera and the Air 2S

With the release of Mavic 3, Dji pursues many goals, recording fully cinematic movies with unparalleled quality and low cost. Although the Mavic 3 has a high price, do not forget that it has appeared in the size of the Inspire UAV series. Due to the close specifications of these two products, we intend to compare the two, and in the continuation of this content, we will fully examine the difference between Mavic 3 and Mavic Air .2S

Camera sensor is one of the prominent features of DJI camera drones. This time around, the Mavic 3 uses a micro-sensor four-thirds larger than the 1-inch “Air 2S” sensor, a 3.4 CMOS sensor that can certainly capture details .better

However, the Mavic 3 can record 5k videos at 50 frames per second, meaning you can slow motion with insane resolution, while the Air 2s is .limited to 30 frames per second

Surely with the introduction of the Mavic 3, Air 2S users are thinking of replacing the Mavic 3, if you are thinking the same, do you think it is worth it? Every user can find weaknesses in the Air 2S according to their needs, but do not forget, the most important difference between the Mavic 3 and the Air 2S, which is important for most users, is the increase in the size of the camera sensor, which makes better images in dark places. Also have .better resolution when zooming the camera

Both drones capture 20-megapixel images, but the resolution and video level of the Mavic 3 is commendable. A smaller zoom camera was used on top of the main camera, which can assist you in landing points for safe landing and search and rescue operations. In the comparison table of technical specifications, we have mentioned all the camera items of both .UAVs

Another change seen in the Mavic 3 and Mavic Air 2S is their aperture. Camera aperture is a factor in the sharpness and brightness of images. One of the features that makes the Mavic 3 superior to the Air 2s is the ability to change the aperture, which means much more control over focus, and is .especially useful for good exposure when using ND filters during the day

But what motivates users to prefer the Mavic 3 to the Air 2S for twice the price? Many users prefer to buy Mavic Air 2S instead of Mavic 3 due to its

double price. The only exceptions are professional videographers who want to use a custom aperture and a larger 3.4 CMOS sensor. Suppose you can .buy 2 Mavic Air 2S drones instead of the Mavic 3

Mavic 3 wins the competition in filming and providing quality images, but as we compare the two products, the high price of Mavic 3 changes users' .perceptions of it

Flight time: Mavic 3 is more durable in the air

One of the lovely features of DJI drones and most importantly Mavic drones is their unique flight time. Mavic Air 2S and Mavic 3 both enjoy unparalleled rechargeability. But the Mavic 3 has superior flying power and can fly for up to 46 minutes continuously on a single full charge. It actually .gives you more space to record longer videos and more images

The Mavic 3 flight battery has a fully intelligent system that ensures that the quadcopter returns home automatically. The flight time of Air 2S with one full charge is equal to 34 minutes. However, in the floating mode, the flight time of both drones is normally reduced. If you are also interested in .flying with drones, Mavic 3 gives you more opportunities to enjoy flying

?How many versions of mavic 3 are available

Mavic 3 quadcopter is offered in two versions, standard Mavic 3 and Mavic 3 cine. Both drones are quite similar in appearance and other specifications, the only difference being that the Mavic 3 Cine helps you improve your video quality with the Apple ProRes HQ422, 1TB of internal storage, and support for the DJI RC Pro controller. Fly and film beyond ever. Content creators have to buy the Cine model if they want to record Apple ProRes .movies, the high price of which deters most enthusiasts

Obstacle detection system improved for Mavic 3

As far as safety is concerned, both products have a barrier detection system, but there are still differences, DJI states that it has improved the safety of Mavic 3 compared to previous models. . Mavic 3 can detect obstacles in all directions and has unparalleled power in identifying obstacles. It goes without saying that the safety of the Mavic Air 2S was .commendable at the time it was launched

Like the DJI Air 2S, the standard Mavic 3 is compatible with the DJI RC N1 controller. But the DJI Mavic 3 Cine comes with the DJI RC Pro remote control. The DJI RC Pro is a fully intelligent controller that enhances the

professional flight experience thanks to the latest generation processor, .extensive storage capacity and O3 + video transmission technology

The specially priced Mavic Air 2S is a highly specialized camera quadcopter for casual users, bridal and groom studios, YouTube users, and the like. In contrast, the high-priced Mavic 3 is a specialized drone for filmmakers, TV .commercials, search and rescue operations, and more

Active Track is an application technology in today’s drones that makes it easy to track any subject. By activating this feature and showing the desired subject to the camera, it easily follows it. This feature was also upgraded for Mavic 3 to Active Track 5.0. In the table below, you can see the complete specifications of these two products and compare them. To buy these two .quadcopters, visit the dji dubai agent

air 2s	**Mavic 3**	**features**
1″	4/3″	sensor size
–	1/2″	second camera sensor
20MP	20MP	image quality
12.6F/s	12.8F/s	Dynamic range
88°	84°	fov
F2.8	F2.8 – F11	Aperture
5.4K/30Fps 4K/50Fps	5.1K/50Fps 4K/120Fps	video
H.264/H.265	H.264/H.265	Encryption coding
150Mbs	200Mbs	bitrate
minutes 34	minutes 46	flight time
km 12	km 15	max flight distance
g 595	g 895	weight
mm 77×253×183	mm 107×283×347	dimensions (folding)
directions 4	Comprehensive	Obstacle detection system

Km/h 68.4	Km/h 75	max flight speed
GB 8	Mavic 3: 8 GB Mavic 3 Cine: 1 TB	internal storage
3:2/5472x3648pixel 16:9/5472x3078pixel	5280x3956pixel	max image size
JPEG / DNG (RAW)	JPEG / DNG (RAW)	image format
mAh 3500	mAh 5000	battery capacity
+O3	O3	video transmission system
DJI Fly	DJI Fly	app
1080p/30fps	1080p/30fps 1080p/60fps	Live feed quality